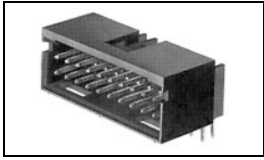


5-103166-2 Product Details

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5-103166-2

TE Internal Number: 5-103166-2

Active

[View 3D PDF](#)

.100 inch AMPMODU Headers

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Header Type = Shrouded
- 8 Positions
- Mating Post Length = 8.08 mm
- Row-to-Row Spacing = 2.54 mm

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, .100X....](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMPMODU_INTERCONNECTION_SYSTEM_SECTIONS](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version K)
- [3D Model](#) (IGES, Version K)
- [3D Model](#) (STEP, Version K)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Type = Connector
- Mount Angle = Right Angle
- PCB Mount Retention = Without
- Board Standoff = With
- Mating Connector Lock = With
- Mating Connector Lock Type = Detent Windows
- Post Size (mm [in]) = 0.64 [.025]
- Profile = Standard

Mechanical Attachment:

- Mounting Ears = Without
- Panel Mount Retention = Without

Electrical Characteristics:

- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

Termination Features:

- Termination Post Length (mm [in]) = 3.43 [0.135]

Dimensions:

- Mating Post Length (mm [in]) = 8.08 [0.318]
- [Shrouded] End Dimension (mm [in]) = 1.68 [0.066]

Body Features:

- Header Type = Shrouded
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- Selectively Loaded = No
- Mount Type = Printed Circuit Board

Contact Features:

- Contact Plating, Mating Area, Material = Gold (30)
- Solder Tail Contact Plating = Tin over Nickel
- Contact Shape = Square
- Contact Base Material = Phosphor Bronze

Housing Features:

- Housing Material = Thermoplastic - GF
- Housing Style = 4-Sided
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Number of Positions = 8
- Number of Rows = 2
- Surface Mount Compatible = No

Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = CSA LR7189, UL E28476

Environmental:

- Operating Temperature (°C) = -55 - +105

Conditions for Usage:

- High Temperature Housing = No

Operation/Application:

- High Speed Serial Data Connector = No

Other:

- Brand = TE Connectivity

